

1646

<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> (Under 37 CFR 1.97(d)) NOV 04 2004	Docket No. 15755 (PC10743A)
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Re Application Of: Scott A. Robertson, et al.

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/884,211	June 18, 2001	M. Brannock	23389	1646	3787

Title: NOVEL MELANOCORTIN-4 RECEPTOR SEQUENCES AND SCREENING ASSAYS TO IDENTIFY COMPOUNDS USEFUL IN REGULATING ANIMAL APPETITE AND METABOLIC RATE

Address to:  
Commissioner for Patents

The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(c), and on or before payment of the issue fee, and is accompanied by the Statement as specified in 37 CFR 1.97(e) and the fee set forth in 37 CFR 1.17(p).

- ☒ A check in the amount of \$180.00 is attached. Deposit Account No. 19-1013/SSMP
- ☐ Charge Deposit Account No. in the amount of
- ☐ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

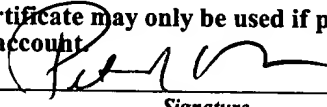
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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on November 2, 2004 (Date) _____ Signature of Person Mailing Correspondence Peter I. Bernstein _____ Typed or Printed Name of Person Mailing Certificate
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\*This certificate may only be used if paying by deposit account.

  
Signature

Peter I. Bernstein  
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Dated: November 2, 2004

cc: PIB/XZ:ab



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Scott A. Robertson, et al.

**Examiner:** M. Brannock

**Serial No:** 09/884,211

**Art Unit:** 1646

**Filed:** June 18, 2001

**Docket:** 15755 (PC10743A)

**For:** NOVEL MELANOCORTIN-4  
RECEPTOR SEQUENCES AND  
SCREENING ASSAYS TO IDENTIFY  
COMPOUNDS USEFUL IN REGULATING  
ANIMAL APPETITE AND METABOLIC RATE

**Dated:** November 2, 2004

**Confirmation No.:** 3787

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:


In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the references,  
which are listed on the attached Form PTO-1449, be made of record in the above-identified case.

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

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Dated: November 2, 2004

  
\_\_\_\_\_  
Peter I. Bernstein

The references were cited in an Office Action dated August 3, 2004 received from the Japanese Patent Office. Applicants are submitting copies of reference numbers 1-4. Copies are not provided for reference numbers 5-7 as reference number 5 was previously submitted in an Information Disclosure Statement filed on October 29, 2001 and reference numbers 6-7 were previously submitted in an Information Disclosure Statement filed on April 1, 2002.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. §§1.97(d)(e) the \$180.00 fee under §1.17(p) is enclosed.

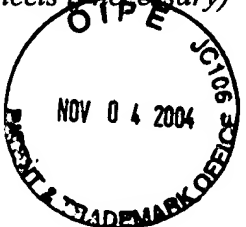
Respectfully submitted,



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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE CITATION</b>  <i>(Use several sheets if necessary)</i>  	<b>Atty. Docket No. (Optional)</b>  15755 (PC10743A)	<b>Application Number</b>  09/884,211
<b>Applicant(s)</b> Scott A. Robertson, et al.		
<b>Filing Date</b> June 18, 2001	<b>Group Art Unit</b> 1646	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	1.	5,908,609	6/1/99	Lee et al.			

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	6.	WO 00/027863	5/00	PCT				
	7.	WO 97/47316	12/97	PCT				

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	2.	Gantz, I., et al., "Molecular Cloning, Expression, and Gene Localization of a Fourth Melanocortin Receptor, <u>The Journal of Biological Chemistry</u> , 268(20): 15174-15179 (1993)
	3.	Genebank Accession No. AB021664 (1998)
	4.	Suk Kim, K., et al. "A missense variant of the porcine melanocortin-4 receptor (MC4R) gene is associated with fatness, growth, and feed intake traits", <u>Mammalian Genome</u> , 11: 131-135 (2000)
	5.	Mountjoy, et al. "Localization of the melanocortin-4 receptor (MC4-R) in neuroendocrine and autonomic control circuits in the brain". <u>Mol. Endocrinology</u> , 8(10): 1298-1308 (1994)
EXAMINER		DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** Scott A. Robertson, et al. **Examiner:** M. Brannock  
**Serial No:** 09/884,211 **Art Unit:** 1646  
**Filed:** June 18, 2001 **Docket:** 15755 (PC10743A)  
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ANIMAL APPETITE AND METABOLIC RATE **Dated:** November 2, 2004

**Confirmation No.:** 3787

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT PURSUANT  
TO 37 C.F.R. §§ 1.97(d) and (e)(1)**

Sir:

I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

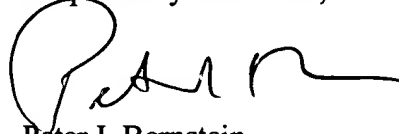
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Dated: November 2, 2004

  
Peter I. Bernstein

Information Disclosure Statement. Applicants also submit the requisite \$180.00 official fee pursuant to § 1.17(p) by means of the enclosed check.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Peter I. Bernstein", written over a horizontal line.

Peter I. Bernstein

Registration No.: 43,497

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